1 Solution

Table 1: We show here the world annual GDP and total primary energy production. Source: http://search.worldbank.org/

integer	scientific notation	scientific notation	fixed-point notation
year	GDP (USD)	pr. en. prod. (J)	energy intensity (MJ/USD)
1996	$3.03 \cdot 10^{13}$	$3.98 \cdot 10^{20}$	13.15
1997	$3.02 \cdot 10^{13}$	$4.04 \cdot 10^{20}$	13.37
1998	$3.01 \cdot 10^{13}$	$4.08 \cdot 10^{20}$	13.58
1999	$3.12 \cdot 10^{13}$	$4.08 \cdot 10^{20}$	13.08
2000	$3.22 \cdot 10^{13}$	$4.18 \cdot 10^{20}$	12.99
2001	$3.20 \cdot 10^{13}$	$4.24 \cdot 10^{20}$	13.25
2002	$3.33 \cdot 10^{13}$	$4.29 \cdot 10^{20}$	12.88
2003	$3.74 \cdot 10^{13}$	$4.45 \cdot 10^{20}$	11.89
2004	$4.22 \cdot 10^{13}$	$4.66 \cdot 10^{20}$	11.05
2005	$4.56 \cdot 10^{13}$	$4.81 \cdot 10^{20}$	10.54
2006	$4.95 \cdot 10^{13}$	$4.93 \cdot 10^{20}$	9.97
2007	$5.58 \cdot 10^{13}$	$5.02 \cdot 10^{20}$	8.99
2008	$6.13 \cdot 10^{13}$	$5.17 \cdot 10^{20}$	8.45
test	of	double2str	
9999	$9.00 \cdot 10^{-1}$	$3.00 \cdot 10^{-6}$	0.00
9999	$1.00 \cdot 10^{1}$	$1.00 \cdot 10^{-1}$	0.00
9999	$1.00 \cdot 10^{0}$	$-1.00 \cdot 10^{0}$	-0.00
9999	$-3.14 \cdot 10^{0}$	$-1.00 \cdot 10^{2}$	0.00
9999	$-9.00 \cdot 10^{-1}$	$-3.00 \cdot 10^{-5}$	0.00
9999	0	-0	-nan

We presented our results in Table 1 on page 1 of our report.